

BVCPL

Best Value Chem Pvt Ltd (Unit II).

SPECIFICATIONS

VERDYL ACETATE - 57051

CORE TESTS

Ranges

ODOUR	Pouwerful,Herbaceous-green fruity fresh woody.
APPEARANCE	Non- viscous liquid.
VISUAL COLOR	Clear Colour less to pale yellow liquid.
SPECIFIC GRAVITY D 25/25	1.068 - 1.075
REFRACTIVE INDEX nD25	1.492 - 1.496
ACID VALUE	0.0 - 1.0 mg KOH/g

GC ANALYSIS ON APPROPRIATE COLUMN

Verdyl Acetate(Major Isomer)	93 - 95 % (Minimum)
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ADDITIONAL DATA

CHEMICAL NAME	Dihydro-nor-dicyclopentdienyl Acetate
MOLECULAR FORMULA	C ₁₂ H ₁₆ O ₂
FLASH POINT	99.8 ⁰ C
BOILING POINT	264 ⁰ C
STABILIZERS	NIL

SHELF LIFE

24 months with proper storage

STORAGE CONDITIONS

Store in a Cool dry place,tightly sealed container
Keep away from direct sunlight

CAS# 5413-60-5

Dihydro-nor-dicyclopentdienyl Acetate
(3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-5-yl acetate)

PREPARED BY: Anil Kale

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MATERIAL SAFETY DATA SHEET (MSDS)

01. Identification Of The Substance/Preparation And Of The Company

Name of the commodity : **VERDYL ACETATE**

Manufacturing company : Best Value Chem Pvt. Ltd (Unit II)
PLOT NO.306, Near Jaynarayan Cold Storage
Sakarda –Bhadarwa road, Vill-Moxi,
Tal-Savli,Dist:- Baroda.
PH:(02667)244369,244215

02. Composition / Information On Ingredients

Chemical name : dihydro-nor-dicyclopentadienyl acetate
Formula : $C_{12}H_{16}O_2$
C.A.S no. : 5413-60-5
EINECS No : 226-501-6

03. Hazards Identification

General : No specific hazard.
Hazard symbol : Not required.
Environment : On spillage it can contaminate soil, ground & surface water.

04. First Aid Measures

On inhalation : Move the person to fresh air and keep at rest. Obtain medical advice if found necessary.

Eye exposure : Wash immediately with plenty of water for at least minutes. Contact physician if symptoms persist.

On skin exposure : Wash with sufficient quantity of water (or soap solution & water). On irritation remove cloth.

On ingestion : Rinse mouth with plenty of water and get medical advice.

05. Fire Fighting Measures

Avoid inhalation of fumes evolved in a fire.
Use self-contained breathing apparatus when fire fighting.
Extinguish with sand, earth, water spray, carbon dioxide or powder extinguisher.
Do not use water jet.
If containers become heated, over pressure with release of combustible material and even explosion may occur. To avoid this, they should be kept cool by spraying with water from a safe distance.

MSDS:- Verdyl Acetate

06. Accidental Release Measures

Inhalation of high-odour materials may cause discomfort or nausea and should be avoided by providing good ventilation during containment and disposal.

In case of impossibility of this and when particularly when substances having exposure standards are present the use of an organic vapour respirator is recommended.

Remove ignition sources and provide proper ventilation.

Wash the affected area with detergent and water.

Comply with local regulations for waste disposal.

07. Handling And Storage

Handling of	:	Materials should be handled according to principles Good Manufacturing Practice. Avoid ingestion and inhalation of the neat material. Practice handling and personal washing routine to minimise personal exposure to the product.
Storage	:	Store in a cool, dry place, tightly sealed containers protected from light. Keep away from possible sources of ignition. Ensure adequate air circulation and fume extraction in storage and working areas.

08. Exposure Controls / Personal Protection

Respiratory Protection	:	Not normally necessary when handling at ambient temperatures.
Hand Protection	:	Wear PVC gloves.
Eye Protection	:	Minimum protection is recommended. (For e.g. safety glasses)
Skin Protection	:	Usually above alls are sufficient.

09. Physical And Chemical Properties

Appearance	:	Colourless to pale yellow liquid. slightly-viscous liquid
Odour	:	Powerful, herbaceous, green fruity, fresh woody.
Physical State (change)	:	Boiling Point (BP)- 264 ⁰ C
Flash Point	:	99.8 ⁰ C
Flammability	:	Refer flash point
Autoflammability	:	Not determined
Explosive Properties	:	Will not explode
Oxidizing Properties	:	Not an oxidizer
Surface tension	:	38.8 ± 5.0 dyne/cm
Vapour Pressure	:	0.0267 hPa
Relative Density	:	D (at 25/25)- 1.068-1.075
Refractive Index	:	N (at 25/25)- 1.492 - 1.496
Solubility in water	:	Insoluble

10. Stability And Reactivity

Thermal Decomposition	:	Carbon dioxide, carbon monoxide.
Auto-oxidation	:	Not applicable

MSDS:- Verdyl Acetate

11. Toxicological Information

LD₅₀ oral : Not determined
LD₅₀ dermal : Not determined

12. Ecological Information

Non dangerous to the environment.

13. Disposal Consideration

Comply with local regulations for the waste disposal.
Empty containers of liquid should be washed thoroughly with detergent before being send for reconditioning or disposal.
The washing should be treated as trade effluent or special waste as appropriate.

14. Transport Information

Not classified as hazardous under transport regulation.

15. Regulatory Information

Hazard symbol : None required
Risk phrases : None required
Safety phrases : None required

16. Other Information

The information contained herein is based on the present state of our knowledge and experience. In view of many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments. Neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.